FIG. 1

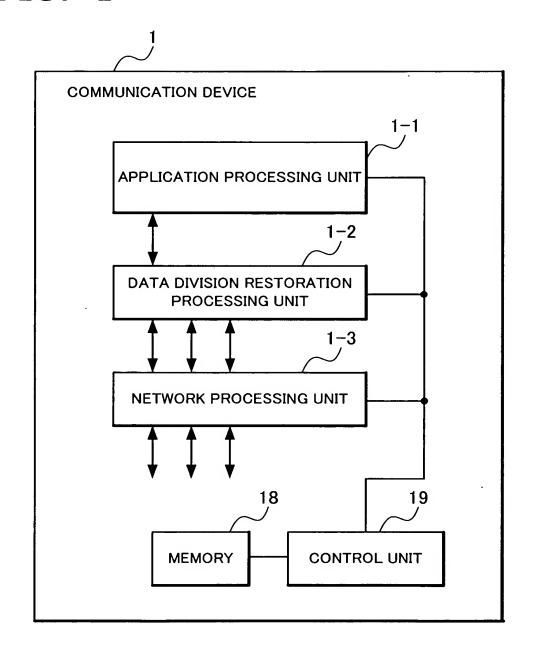
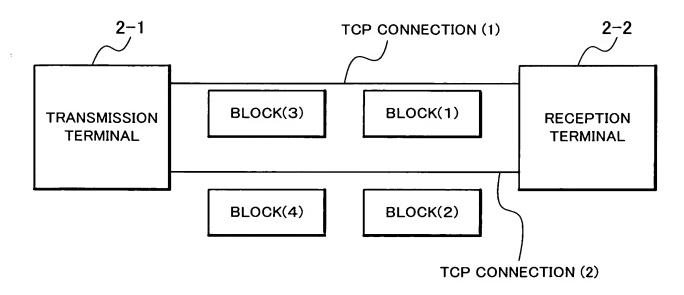


FIG. 2



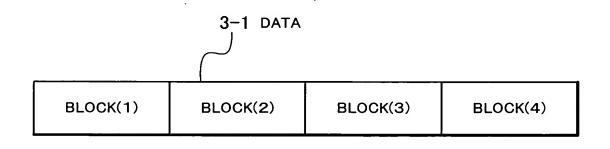


FIG. 4

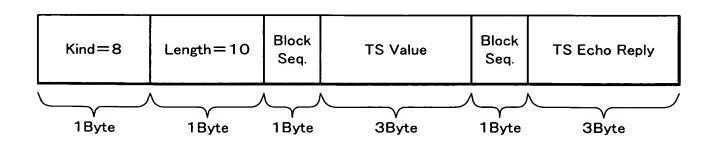
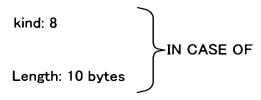


FIG. 5

TCP Timestamps Option (TSopt):



Kind=8	10	TS Value (TSval)	TS Echo Reply(Tsecr)

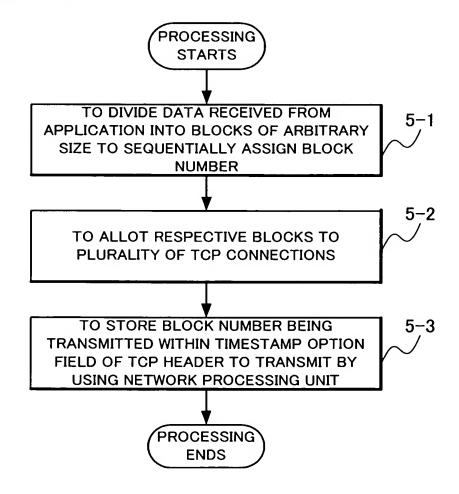


FIG. 7

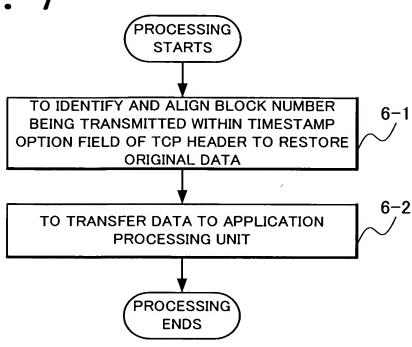
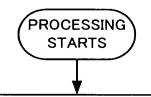


FIG. 8



TO EXAMINE MAXIMUM PACKET SIZE USABLE BY EACH TCP CONNECTION, WITH SMALLEST MAXIMUM PACKET SIZE AMONG MAXIMUM PACKET SIZES AS REPRESENTATIVE VALUE SET, DIVIDE DATA RECEIVED FROM APPLICATION INTO BLOCKS OF ARBITRARY SIZE AND SEQUENTIALLY ASSIGN BLOCK NUMBER

7-1

7-2

TO ALLOT RESPECTIVE BLOCKS TO PLURALITY OF TCP CONNECTIONS

TO STORE BLOCK NUMBER BEING TRANSMITTED WITHIN TIMESTAMP OPTION FIELD OF TCP HEADER TO TRANSMIT BY USING NETWORK PROCESSING UNIT

PROCESSING ENDS

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FIG. 9

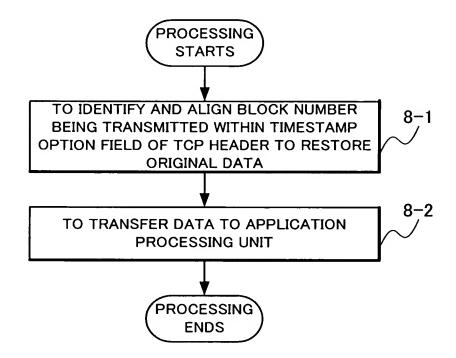
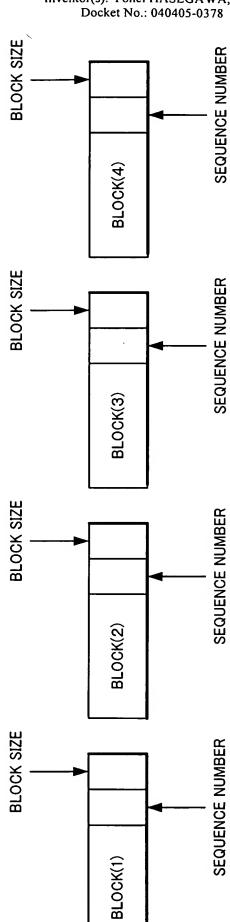
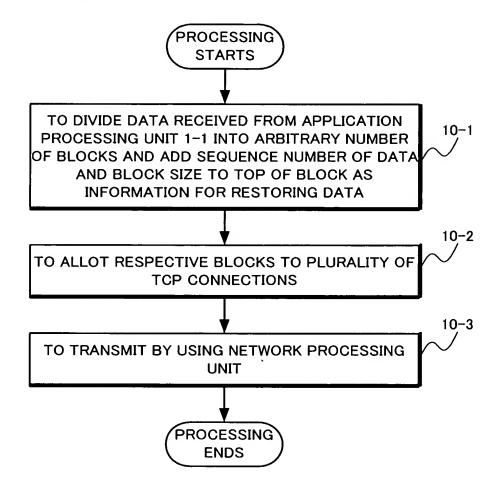


FIG. 1

Title: COMMUNICATION DEVICE, AND COMMUNICATION METHOD AND PROGRAM THEREOF Inventor(s): Yohei HASEGAWA, et al. Docket No.: 040405-0378





Docket No.: 040405-0378

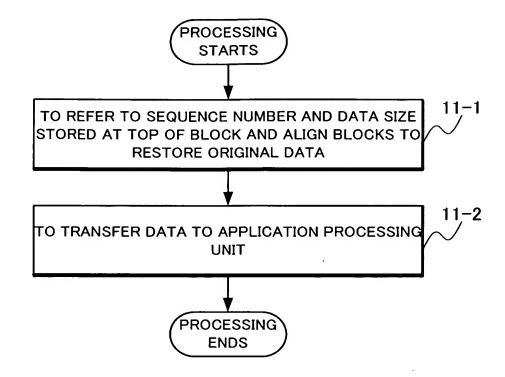


FIG. 14

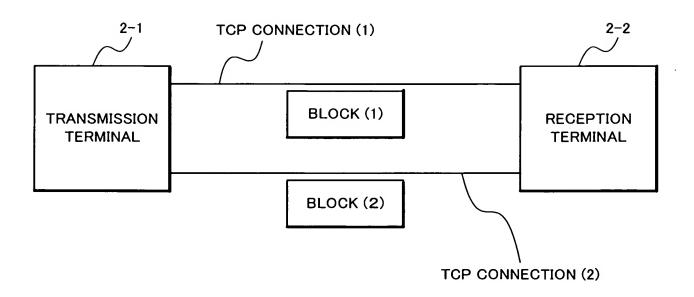
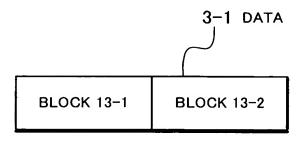
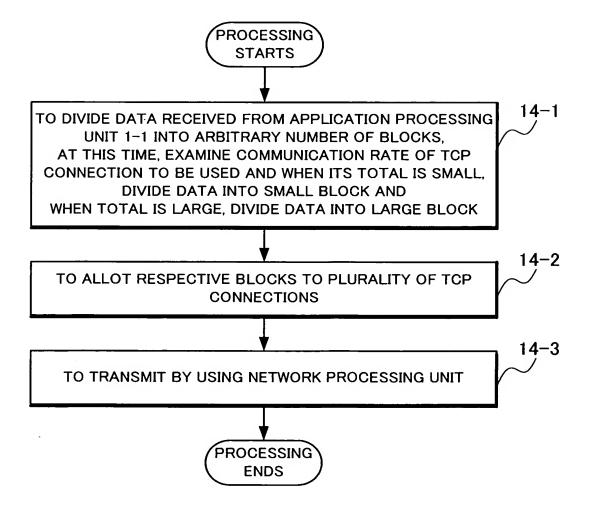


FIG. 15





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FIG. 17

